

Storm Data and Unusual Weather Phenomena - June 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
LAKE ERIE				
MICHIGAN WATERS OF LAKE ERIE FROM DETROIT RIVER TO NORTH CAPE MI COUNTY --- 8.8 E LUNA PIER [41.83, -83.28]				
	06/22/13 16:40 EST	0		Marine Thunderstorm Wind (MG 42 kt)
	06/22/13 16:40 EST	0		Source: C-MAN Station
A thunderstorm moving through Western Lake Erie produced a 42 knot wind gust.				
LAKE ST CLAIR				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 8.4 SE NEW BALTIMORE [42.59, -82.62]				
	06/17/13 16:26 EST	0		Marine Thunderstorm Wind (EG 56 kt)
	06/17/13 16:26 EST	0		Source: Broadcast Media
A thunderstorm destroyed a boathouse along the Eastern Lake St. Clair Shoreline.				
LAKE ST CLAIR (U.S. PORTION) COUNTY --- 6.8 SW NEW BALTIMORE [42.61, -82.82]				
	06/17/13 19:22 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	06/17/13 19:22 EST	0		Source: ASOS
Two strong to severe thunderstorms moved through Lake St Clair.				
DETROIT RIVER COUNTY --- 1.9 E DETROIT RIVER LIGHT [42.10, -83.16]				
	06/22/13 15:14 EST	0		Marine Thunderstorm Wind (MG 40 kt)
	06/22/13 15:14 EST	0		Source: ASOS
A thunderstorm moving through the Detroit River produced a 40 knot wind gust.				
MICHIGAN, East				
OAKLAND COUNTY --- 4.1 E SOUTH LYON [42.46, -83.55]				
	06/12/13 22:40 EST	0		Hail (1.00 in)
	06/12/13 22:40 EST	0		Source: Trained Spotter
OAKLAND COUNTY --- 4.1 E SOUTH LYON [42.46, -83.55]				
	06/12/13 22:40 EST	0		Thunderstorm Wind (EG 52 kt)
	06/12/13 22:40 EST	0		Source: Trained Spotter
A spotter estimated a 60 mph thunderstorm wind gust.				
An isolated severe thunderstorm impacted Southwest Oakland County.				
MIDLAND COUNTY --- 1.6 WSW OIL CITY [43.61, -84.61]				
	06/17/13 13:25 EST	0		Thunderstorm Wind (EG 54 kt)
	06/17/13 13:25 EST	0		Source: Newspaper
Several trees were reported blown down.				
MIDLAND COUNTY --- 2.8 N JAM [43.54, -84.33]				
	06/17/13 13:45 EST	0		Thunderstorm Wind (EG 56 kt)
	06/17/13 13:45 EST	0		Source: Trained Spotter
Trees and wires reported down.				
SAGINAW COUNTY --- 2.8 N SWAN CREEK [43.42, -84.11]				

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	06/17/13 14:00 EST		0	Hail (1.75 in)
	06/17/13 14:00 EST		0	Source: Trained Spotter
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SAGINAW COUNTY --- 1.5 W SHIELDS [43.42, -84.08], PAINES [43.40, -84.05]	06/17/13 14:01 EST		4K	Thunderstorm Wind (EG 56 kt)
	06/17/13 14:02 EST		0	Source: Trained Spotter
Widespread trees were blown down along with the roof of a concession stand.				
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SAGINAW COUNTY --- 1.0 W FORDNEY [43.40, -84.02]	06/17/13 14:05 EST		0	Hail (1.25 in)
	06/17/13 14:05 EST		0	Source: Trained Spotter
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SAGINAW COUNTY --- 0.9 NW VERNE [43.28, -83.96]	06/17/13 14:16 EST		2K	Thunderstorm Wind (EG 52 kt)
	06/17/13 14:16 EST		0	Source: Trained Spotter
An 18 inch diameter tree was blown onto a house.				
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SAGINAW COUNTY --- 1.5 NNW BURT [43.25, -83.93]	06/17/13 14:23 EST		0	Hail (1.75 in)
	06/17/13 14:23 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 1.0 W FARRANDVILLE [43.20, -83.74]	06/17/13 14:30 EST		0	Thunderstorm Wind (EG 52 kt)
	06/17/13 14:30 EST		0	Source: Public
A large tree was reported blown down.				
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GENESEE COUNTY --- 1.5 SSW CLIO [43.16, -83.73]	06/17/13 14:35 EST		0	Thunderstorm Wind (EG 52 kt)
	06/17/13 14:35 EST		0	Source: Trained Spotter
A large tree was reported blown down.				
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GENESEE COUNTY --- 1.5 W CLIO [43.18, -83.75]	06/17/13 14:35 EST		0	Hail (0.75 in)
	06/17/13 14:35 EST		0	Source: Fire Department/Rescue
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GENESEE COUNTY --- 1.5 W CLIO [43.18, -83.75]	06/17/13 14:35 EST		3K	Thunderstorm Wind (EG 56 kt)
	06/17/13 14:35 EST		0	Source: Fire Department/Rescue
Trees and power line reported down at the Clio Fire Department.				
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GENESEE COUNTY --- 1.7 WSW RUSSELLVILLE [43.09, -83.58]	06/17/13 14:53 EST		1K	Thunderstorm Wind (EG 54 kt)
	06/17/13 14:53 EST		0	Source: Trained Spotter
A 2 foot diameter tree was reported blown down, along with structural damage to a garage roof.				
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GENESEE COUNTY --- 0.5 W RUSSELLVILLE [43.10, -83.56]	06/17/13 15:00 EST		0	Hail (2.00 in)
	06/17/13 15:00 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 1.7 SW RUSSELLVILLE [43.08, -83.57]	06/17/13 15:00 EST		0	Hail (1.75 in)
	06/17/13 15:00 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 1.0 E DAVISON [43.03, -83.50]				

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	06/17/13 15:01 EST		0	Thunderstorm Wind (EG 52 kt)
	06/17/13 15:01 EST		0	Source: Trained Spotter
A 1 foot diameter tree reported blown down.				
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GENESEE COUNTY --- 4.1 SE DAVISON [42.99, -83.46]				
	06/17/13 15:05 EST		0	Thunderstorm Wind (EG 52 kt)
	06/17/13 15:05 EST		0	Source: Trained Spotter
A tree was snapped in half.				
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LAPEER COUNTY --- 2.0 SE ELBA [43.01, -83.42]				
	06/17/13 15:10 EST		10K	Thunderstorm Wind (EG 61 kt)
	06/17/13 15:10 EST		0	Source: Trained Spotter
Trees were snapped and uprooted, as well as damage to roofs.				
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LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]				
	06/17/13 15:16 EST		0	Hail (1.00 in)
	06/17/13 15:16 EST		0	Source: Trained Spotter
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LAPEER COUNTY --- 0.9 NE ELBA [43.04, -83.44]				
	06/17/13 15:16 EST		0	Thunderstorm Wind (EG 56 kt)
	06/17/13 15:16 EST		0	Source: Trained Spotter
Three trees were uprooted and 2 trees were snapped.				
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LAPEER COUNTY --- 2.3 SSE LAPEER [43.02, -83.30]				
	06/17/13 15:16 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/13 15:16 EST		0	Source: Trained Spotter
Large tree limbs reported down.				
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OAKLAND COUNTY --- 2.6 ENE OXFORD [42.83, -83.22]				
	06/17/13 15:40 EST		2K	Thunderstorm Wind (EG 54 kt)
	06/17/13 15:40 EST		0	Source: Trained Spotter
A large tree was uprooted which lead to downed power lines.				
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MACOMB COUNTY --- ROMEO [42.80, -83.02]				
	06/17/13 15:44 EST		2K	Thunderstorm Wind (EG 54 kt)
	06/17/13 15:44 EST		0	Source: Trained Spotter
A large tree was reported down on house, along with downed power lines.				
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MACOMB COUNTY --- 1.0 E ROMEO [42.80, -83.00]				
	06/17/13 15:45 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/13 15:45 EST		0	Source: Trained Spotter
A small tree was blown down.				
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MACOMB COUNTY --- 0.5 E ROMEO [42.80, -83.01]				
	06/17/13 15:50 EST		0	Hail (0.75 in)
	06/17/13 15:50 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 2.1 SW MEADE [42.70, -82.90]				
	06/17/13 16:02 EST		0	Hail (1.00 in)
	06/17/13 16:02 EST		0	Source: Trained Spotter
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MACOMB COUNTY --- 2.1 SW MEADE [42.70, -82.90]				

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	06/17/13 16:02 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/13 16:02 EST		0	Source: Trained Spotter
Eight inch diameter tree limbs reported down.				
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MACOMB COUNTY --- 0.9 SE (MTC)MT CLEMENS/SELF [42.59, -82.82]				
	06/17/13 16:13 EST		0	Thunderstorm Wind (EG 52 kt)
	06/17/13 16:13 EST		0	Source: Trained Spotter
A large tree was reported down.				
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ST. CLAIR COUNTY --- 2.1 WSW ALGONAC ARPT [42.59, -82.62]				
	06/17/13 16:26 EST		5K	Thunderstorm Wind (EG 54 kt)
	06/17/13 16:26 EST		0	Source: Broadcast Media
Boathouse destroyed.				
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SAGINAW COUNTY --- 0.7 S VERNE [43.26, -83.95]				
	06/17/13 17:22 EST		0	Hail (0.75 in)
	06/17/13 17:22 EST		0	Source: Trained Spotter
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SAGINAW COUNTY --- 1.7 NW VERNE [43.29, -83.97]				
	06/17/13 17:27 EST		0	Hail (1.00 in)
	06/17/13 17:27 EST		0	Source: Trained Spotter
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SAGINAW COUNTY --- 0.7 S VERNE [43.26, -83.95]				
	06/17/13 17:32 EST		0	Hail (0.75 in)
	06/17/13 17:32 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 1.0 W FARRANDVILLE [43.20, -83.74]				
	06/17/13 17:48 EST		0	Thunderstorm Wind (EG 56 kt)
	06/17/13 17:48 EST		0	Source: Trained Spotter
Trees were uprooted and 8 inch diameter tree was snapped in half.				
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SAGINAW COUNTY --- 0.7 S VERNE [43.26, -83.95]				
	06/17/13 17:48 EST		0	Hail (1.00 in)
	06/17/13 17:48 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 0.5 W MT MORRIS [43.12, -83.69]				
	06/17/13 17:52 EST		4K	Thunderstorm Wind (EG 56 kt)
	06/17/13 17:52 EST		0	Source: Trained Spotter
Numerous power lines were reported down, along with siding of a building blown off.				
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GENESEE COUNTY --- 2.6 WNW MT MORRIS [43.13, -83.73]				
	06/17/13 17:52 EST		0	Hail (1.75 in)
	06/17/13 17:52 EST		0	Source: Trained Spotter
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GENESEE COUNTY --- 2.6 WNW MT MORRIS [43.13, -83.73]				
	06/17/13 17:52 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/13 17:52 EST		0	Source: Trained Spotter
Four to eight inch diameter tree limbs blown down.				
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GENESEE COUNTY --- 2.4 NW MT MORRIS [43.14, -83.72]				
	06/17/13 17:53 EST		2K	Thunderstorm Wind (EG 56 kt)
	06/17/13 17:53 EST		0	Source: Emergency Manager

Two hundred yards of downed trees up to 2 to 3 feet in diameter.

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GENESEE COUNTY --- 0.9 NE BEECHER [43.09, -83.69]				
	06/17/13 17:57 EST		0	Hail (1.75 in)
	06/17/13 17:57 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 2.1 SSE GENESEE DUFORD ARPT [43.09, -83.62]				
	06/17/13 18:05 EST		0	Hail (0.88 in)
	06/17/13 18:05 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 2.9 NNW LAPEER HGTS [43.06, -83.60]				
	06/17/13 18:05 EST		0	Hail (1.50 in)
	06/17/13 18:05 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 1.2 NW RICHFIELD CENTER [43.11, -83.52]				
	06/17/13 18:09 EST		0	Hail (0.75 in)
	06/17/13 18:09 EST		0	Source: Trained Spotter
GENESEE COUNTY --- 2.0 E DAVISON [43.03, -83.48]				
	06/17/13 18:16 EST		3K	Thunderstorm Wind (EG 54 kt)
	06/17/13 18:16 EST		0	Source: Trained Spotter
Two to three foot diameter tree reported down on a house, along with downed power lines.				
LAPEER COUNTY --- 2.3 SSW FARMERS CREEK [42.94, -83.35]				
	06/17/13 18:30 EST		0	Thunderstorm Wind (EG 50 kt)
	06/17/13 18:30 EST		0	Source: Trained Spotter
Five to six inch diameter tree limbs down at Metamora Hadley State Park.				
LAPEER COUNTY --- 2.1 ENE KERR HILL [42.91, -83.34]				
	06/17/13 18:32 EST		0	Hail (0.75 in)
	06/17/13 18:32 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 1.0 E OXFORD [42.82, -83.25]				
	06/17/13 18:44 EST		0	Hail (0.75 in)
	06/17/13 18:44 EST		0	Source: Trained Spotter
OAKLAND COUNTY --- 0.5 W STONY CREEK [42.70, -83.13]				
	06/17/13 18:56 EST		0	Thunderstorm Wind (EG 52 kt)
	06/17/13 18:56 EST		0	Source: Trained Spotter
Four to five inch tree limbs reported blown down.				
SAGINAW COUNTY --- 0.5 W SHIELDS [43.42, -84.06]				
	06/17/13 19:10 EST		0	Hail (0.75 in)
	06/17/13 19:10 EST		0	Source: COOP Observer
MACOMB COUNTY --- 3.5 S WALDENBURG [42.62, -82.92]				
	06/17/13 19:15 EST		0	Hail (0.75 in)
	06/17/13 19:15 EST		0	Source: Trained Spotter
MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]				
	06/17/13 19:18 EST		0	Hail (0.88 in)
	06/17/13 19:18 EST		0	Source: Law Enforcement
Several supercells developed during the late afternoon and early evening hours.				
WAYNE COUNTY --- 2.1 NW FLAT ROCK [42.10, -83.30]				

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	06/22/13 15:10 EST		0	Thunderstorm Wind (EG 52 kt)
	06/22/13 15:10 EST		0	Source: Public
Trees were reported down, which included a 90 foot cottonwood tree.				
LENAWEE COUNTY --- 0.5 W ADRIAN [41.90, -84.04]				
	06/22/13 15:40 EST		0	Thunderstorm Wind (EG 50 kt)
	06/22/13 15:40 EST		0	Source: Broadcast Media
A 12 inch diameter tree was reported blown down.				
A frontal boundary south of M-59 triggered two severe thunderstorms.				
LIVINGSTON COUNTY --- 0.7 WNW DEERFIELD CENTER [42.73, -83.86]				
	06/24/13 18:25 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/13 18:25 EST		0	Source: Trained Spotter
Large tree limbs reported blown down.				
LIVINGSTON COUNTY --- 2.9 NE PARSHALLVILLE [42.71, -83.73]				
	06/24/13 18:32 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/13 18:32 EST		0	Source: NWS Employee
Large tree limbs were reported blown down.				
OAKLAND COUNTY --- ROSE CENTER [42.73, -83.62]				
	06/24/13 18:49 EST		0	Thunderstorm Wind (EG 50 kt)
	06/24/13 18:49 EST		0	Source: NWS Employee
Large tree limbs were reported blown down.				
OAKLAND COUNTY --- 0.7 N WALLED LAKE [42.54, -83.48]				
	06/24/13 19:40 EST		5K	Thunderstorm Wind (EG 52 kt)
	06/24/13 19:40 EST		0	Source: Law Enforcement
Trees and power lines blown down.				
OAKLAND COUNTY --- WALLED LAKE [42.53, -83.48]				
	06/24/13 19:40 EST		0	Thunderstorm Wind (EG 52 kt)
	06/24/13 19:40 EST		0	Source: NWS Employee
A large tree was blown down, along with several tree limbs scattered about.				
A few severe thunderstorms impacted parts of Oakland and Livingston Counties.				
HURON COUNTY --- 3.3 WNW BAD AXE [43.82, -83.06]				
	06/27/13 13:38 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/13 13:38 EST		0	Source: Trained Spotter
Large tree limbs reported blown down.				
HURON COUNTY --- BAD AXE [43.80, -83.00]				
	06/27/13 13:46 EST		0	Thunderstorm Wind (EG 52 kt)
	06/27/13 13:46 EST		0	Source: Trained Spotter
Tree limbs and mailboxes reported blown down, along with trees uprooted.				
TUSCOLA COUNTY --- UNIONVILLE [43.65, -83.47]				
	06/27/13 13:55 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/13 13:55 EST		0	Source: Trained Spotter
Three to four inch diameter tree limbs reported down.				

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GENESEE COUNTY --- 4.1 SE DAVISON [42.99, -83.46]				
	06/27/13 14:25 EST		0	Hail (0.75 in)
	06/27/13 14:25 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 2.3 NNE MILAN [42.11, -83.65]				
	06/27/13 15:23 EST		0	Thunderstorm Wind (MG 56 kt)
	06/27/13 15:23 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 2.2 ENE PITTSFIELD [42.21, -83.68]				
	06/27/13 15:25 EST		0	Hail (1.25 in)
	06/27/13 15:25 EST		0	Source: Trained Spotter
WASHTENAW COUNTY --- 1.0 SW SCIO [42.31, -83.84], 1.1 SSW WORDEN [42.37, -83.64], 2.4 NNE WILLIS [42.18, -83.53], 3.2 W SALINE [42.18, -83.83]				
	06/27/13 15:45 EST		0	Flash Flood (due to Heavy Rain)
	06/27/13 17:30 EST		0	Source: Emergency Manager
Heavy rain from thunderstorms caused flooding up to 4 feet deep, with several high water rescues needed from emergency personnel as cars stalled in the high water. Spotter reports indicate 2 to 4 inches of rain fell within a 2 to 3 hour window.				
OAKLAND COUNTY --- 0.6 ENE CLARKSTON [42.73, -83.39]				
	06/27/13 15:55 EST		0	Thunderstorm Wind (EG 52 kt)
	06/27/13 15:55 EST		0	Source: Trained Spotter
A 1.5 foot diameter tree was blown down across Waldon Road.				
OAKLAND COUNTY --- 0.9 NE CRESENT LAKE ESTATES [42.66, -83.39]				
	06/27/13 15:58 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/13 15:58 EST		0	Source: Trained Spotter
A large tree limb reported down.				
OAKLAND COUNTY --- WHITE LAKE [42.68, -83.55], WATERFORD [42.70, -83.40], 0.7 NNE ROCHESTER HILLS [42.69, -83.12], 1.6 SW BROOKLANDS [42.61, -83.12], 0.5 ENE COMMERCE [42.58, -83.47]				
	06/27/13 16:00 EST		0	Flash Flood (due to Heavy Rain)
	06/27/13 17:45 EST		0	Source: Broadcast Media
Heavy rain from thunderstorms caused flooding up to 4 feet deep, with several high water rescues needed from emergency personnel as cars stalled in the high water. Spotter reports indicate 2 to 4 inches of rain fell within a 2 to 3 hour window.				
OAKLAND COUNTY --- 0.7 N LA SALLE GARDENS [42.68, -83.35]				
	06/27/13 16:09 EST		2K	Thunderstorm Wind (EG 50 kt)
	06/27/13 16:09 EST		0	Source: Broadcast Media
Power lines reported down.				
MONROE COUNTY --- 0.9 SW LA SALLE [41.86, -83.46]				
	06/27/13 16:26 EST		3K	Thunderstorm Wind (EG 52 kt)
	06/27/13 16:26 EST		0	Source: Trained Spotter
Multiple powerlines reported down.				
OAKLAND COUNTY --- 2.9 ENE NOVI [42.50, -83.42]				
	06/27/13 16:26 EST		0	Thunderstorm Wind (EG 50 kt)
	06/27/13 16:26 EST		0	Source: Trained Spotter
An 8 inch diameter tree branch reported down.				
Scattered severe thunderstorms developed, with Oakland and Washtenaw Counties being hardest hit, where flash flooding also occurred.				

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WASHTENAW COUNTY --- 0.9 NE WILLOW RUN [42.26, -83.56]				
	06/28/13 11:44 EST		5K	Thunderstorm Wind (EG 52 kt)
	06/28/13 11:44 EST		0	Source: 911 Call Center
Large trees and powerlines reported blown down.				
An isolated severe thunderstorm developed near Ypsilanti.				